

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method, comprising:

defining at least one target rules for detection of target hits in an article, comprising:

defining a concept list comprising an origin concept, a distance, and a relationship,

and

defining a target scope;

~~defining a target article region and a target definition comprising at least one concept;~~

defining at least one extraction rules based on the at least one target rules ~~for the~~
~~extraction of extracts from the article,~~ comprising defining an extraction scope~~article region;~~

applying the at least one target rules to each target scope ~~article region~~ of the article to
~~determine target hits; and~~

determining a target score for each target scope of the article;

applying the at least one extraction rules to the article to determine ~~detect~~ at least one
extract from the article based on at least one determined target score~~hit~~; and

outputting the at least one extract.

2. (Original) The method of claim 1, wherein a plurality of target hits are detected and a plurality of extracts are extracted.

3. (Currently Amended) The method of claim 2, further comprising sorting the extracts based on the at least one extraction rule[[s]].

4. (Currently Amended) The method of claim 1, further comprising extracting at least one extract from the article based on the ~~determined target-hit~~ score.
5. (Currently Amended) The method of claim 1, wherein the at least one target rule[[s]] further comprises a target score formula
6. (Currently Amended) The method of claim 5, wherein applying the at least one target rule[[s]] comprises using the target score formula to detect target hits.
7. (Currently Amended) The method of claim 1, wherein the concept ~~target-definition~~ ~~further~~ comprises a concept set, a gist or both.
8. (Currently Amended) The method of claim 7, wherein the concept set comprises ~~is~~ a list of concepts.
9. (Original) The method of claim 8, wherein concepts in the list of concepts are produced by set operations on multiple lists of concepts.
10. (Original) The method of claim 7, wherein a gist comprises weighted concepts.
11. (Original) The method of claim 7, wherein the gist is user defined or is a calculated gist of the article.

12. (Currently Amended) The method of claim 1, wherein the target scope comprises ~~article region is an~~ article, a sentence or a term.

13. (Currently Amended) The method of claim 1, wherein the extraction scope comprises ~~article region is an~~ article, a sentence or a term.

14. (Currently Amended) The method of claim 1, further comprising preprocessing the article, wherein preprocessing comprises:

determining at least one concept associated with the article, and

determining a gist of the article, ~~wherein the article is preprocessed to determine concepts contained in the article and a gist for the article.~~

15. (Currently Amended) A computer-readable medium containing program code, comprising:

program code for defining at least one target rules for detection of target hits in an article, comprising:

defining a concept list comprising an origin concept, a distance, and a relationship,

and

defining a target scope;

~~defining a target article region and a target definition comprising at least one concept;~~

program code for defining at least one extraction rules based on the at least one target rules ~~for the extraction of extracts from the article~~, comprising defining an extraction scope~~article~~ ~~region~~;

program code for applying the at least one target rules to each target scope ~~article~~ ~~region~~ of the article ~~to determine target hits~~; and

program code for determining a target score for each target scope of the article;

program code for applying the at least one extraction rules to the article to determine ~~detect~~ at least one extract from the article based on at least one determined target score~~hit~~; and

program code for outputting the at least one extract.

16. (Original) The computer-readable medium of claim 15, wherein a plurality of target hits are detected and a plurality of extracts are extracted.

17. (Currently Amended) The computer-readable medium of claim 16, further comprising program code for sorting the extracts based on the at least one extraction rule[[s]].

18. (Currently Amended) The computer-readable medium of claim 15, further comprising program code for extracting at least one extract from the article based on the ~~determined~~ target hit score.

19. (Currently Amended) The computer-readable medium of claim 15, wherein the at least one target rule[[s]] further comprises a target definition and a target score formula

20. (Currently Amended) The computer-readable medium of claim 19, wherein applying the at least one target rule[[s]] comprises using the target score formula to detect target hits.

21. (Currently Amended) The computer-readable medium of claim 15, wherein the concept ~~target definition further~~ comprises a concept set, a gist or both.

22. (Currently Amended) The computer-readable medium of claim 21, wherein the concept set comprises ~~is~~ a list of concepts.

23. (Original) The computer-readable medium of claim 22, wherein concepts in the list of concepts are produced by set operations on multiple lists of concepts.

24. (Original) The computer-readable medium of claim 21, wherein a gist comprises weighted concepts.

25. (Original) The computer-readable medium of claim 21, wherein the gist is user defined or is a calculated gist of the article.

26. (Currently Amended) The computer-readable medium of claim 15, wherein the target scope comprises ~~article region is an~~ article, a sentence or a term.

27. (Currently Amended) The computer-readable medium of claim 15, wherein the extraction scope comprises article region is an article, a sentence or a term.

28. (Currently Amended) The computer-readable medium of claim 15, further comprising program code for preprocessing the article, wherein preprocessing comprises:

determining at least one concept associated with the article, and

determining a gist of the article. ~~wherein the article is preprocessed to determine concepts contained in the article and a gist for the article.~~

29. (Currently Amended) The method of claim 1, wherein the concept further comprises is ~~defined by~~ a group of related words, relationships with other concepts, the strength of the relationships, and statistics about the concept usage in language.

30. (Currently Amended) A method, comprising:

defining target rules for detection of target hits in an article, comprising defining a target article region, a comparison method, and a target definition comprising a relationship, a distance, and at least one of a concept, a concept set, or a gist;

defining extraction rules for the extraction of extracts from the article, comprising defining an extraction article region and at least one target rule to which the extraction rules relate;

applying target rules to each target article region of the article to determine a target score for each target article region; and

applying extraction rules to detect at least one extract associated with at least one target article region from the article based at least in part on the target score for the at least one target article region; and

outputting the at least one extract.

31. (Currently Amended) The method of claim 30, further comprising:

determining a plurality of extracts based on the extraction rules; and

ranking the extracts; ~~and~~

~~outputting the extracts.~~

32. (Previously Presented) The method of claim 30, wherein the gist is a vector of weighted concepts.

33. (Previously Presented) The method of claim 30, wherein the concept is defined by a group of related words, relationships with other concepts, the strength of the relationships, and statistics about the concept usage in language.

34. (Previously Presented) The method of claim 30, wherein the comparison method is one of an associated categorization-like method, an inverse categorization-like method, a similarity to gist method, or a concept set hit method.

35. (New) The method of claim 1, wherein defining the at least one extraction rule further comprises defining a sort order.

36. (New) The method of claim 15, wherein defining the at least one extraction rule further comprises defining a sort order.

37. (New) The method of claim 1, wherein the distance represents a strength of the relationship between the origin concept and an evaluated concept.

38. (New) The method of claim 1, wherein the relationship comprises one of “is a product of”, “is a part of”, “is a kind of”, “has kind”, or “has part”.

39. (New) The method of claim 1, wherein the origin concept comprises at least one search term.

40. (New) The method of claim 8, wherein the concept set further comprises at least one set operation.

41. (New) The method of claim 40, wherein the set operation comprises one of “AND”, “OR”, and “AND NOT”.

42. (New) The method of claim 15, wherein the distance represents a strength of the relationship between the origin concept and an evaluated concept.

43. (New) The method of claim 15, wherein the relationship comprises one of “is a product of”, “is a part of”, “is a kind of”, “has kind”, or “has part”.

44. (New) The method of claim 15, wherein the origin concept comprises at least one search term.

45. (New) The method of claim 22, wherein the concept set further comprises at least one set operation.

46. (New) The method of claim 45, wherein the set operation comprises one of “AND”, “OR”, and “AND NOT”.